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SUBSTITUTE SPECIFICATION

Docket No. 741118-57

- 1 -

MOTOR VEHICLE DOOR LOCK SYSTEM WITH SPEED UNLOCKING

BACKGROUND OF THE INVENTION

Field of Invention

[0001] The invention relates to a motor vehicle door lock system with a motor vehicle lock which can be locked and unlocked by a motor and which can be opened mechanically or by a motor, and with control electronics.

Description of Related Art

[0002] Conventional electromechanical motor vehicle door lock systems with radio remote control, but without the passive entry function, are known. In these classical vehicle door lock systems the operator presses a button on the remote control module. This activates the control electronics which passes through its reaction phase immediately. Based on the distance of the operator when the button of the remote control module is pressed, the operator reaches the outside door handle on the motor vehicle door with such a long time delay that the reaction phase of the control electronics has long been completed and the motor vehicle lock has been unlocked. By pulling on the outside door handle, the operator opens the motor vehicle door, the motor vehicle lock either opening mechanically, therefore the detent pawl being lifted by the motion of the outside door handle, or opening electromechanically or pneumatically, the outside door handle delivering a control signal to the opening drive to raise the detent pawl.

[0003] One such conventional electromechanical motor vehicle door lock system is known for example from U.S. Patent No. 5,240,296. The lock element is driven by an electric motorized central interlock drive with an electric drive motor and a worm gear pair. The worm wheel of the worm gear pair is the drive element of the central interlock drive and